

Appl. No. : 10/566,538
Filed : May 20, 2006

AMENDMENTS TO THE SPECIFICATION

Please amend the Specification as follows. Insertions are shown underlined while deletions are ~~struck through~~.

Title of the Invention:

Please amend the title as follows:

A V-Shaped Sandwich-Type Hair Iron with Gasket

Disclosure:

The paragraph beginning at page 8, line 14:

As shown in Fig. 8, the conventional hair iron of V-shaped, hair-sandwiching arm type has the surface of a shielding member (204) covered by a protective sheet (211), and a pivot (208) of a grip (206) on one end of a hair-sandwiching arm (207) that supports a heating plate (201) by means of the shielding member (204) permits connection of the heating plates (201) openably/closably, with the force of a spring (212) provided at a bearing maintaining the arms in open directions and a handy temperature selector switch (220) permitting temperature change. However, a temperature controller and temperature display (not shown) for heat-source plates had to be positioned far away, because a void space (~~218~~not shown) formed in each hair-sandwiching arm (207) has poor steam cutoff property. Even when the temperature was switched using the handy selector switch (220), therefore, the operator had to perform the cumbersome task of checking the distant temperature display controlled by the temperature controller in order to confirm the actual temperature.

The paragraph beginning at page 10, line 12:

Fig. 6 is a longitudinal cross-section view of one (upper) hair-sandwiching arm (107) of the pair (upper and lower, in the figure) of hair-sandwiching arms each comprising the heating plate (101) as proposed by the V-shaped hair iron body of the present invention. The hair-sandwiching arm (107) securely supports the heating plate (101) in the void space (118) shielded by the shielding members (104), and the end of a grip (106) of the aforementioned arm is openably/closably connected to a pivot (108). The force of a spring (112) provided at a bearing

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maintains the pair of openable/closable arms in open directions in normal condition, while the pair of heating plates (101) are supported so that they face each other and can sandwich and heat hairs. The hair-sandwiching arm (107) has an appropriate protective sheet (111), an affixing part (110) shown in FIG.7 and a temperature display (114).

The paragraph beginning at page 10, line 28:

The arm (107) of each V-shaped grip (106) has the heat-source plate (115) placed on the back of the heating plate (101) (on the opposite side of the surface contacting hairs), and a temperature selector switch (~~120~~not shown) is used to heat the heating plate (101) located adjacent to the heat-source plate (115) that is temperature-adjusted by the temperature controller (113). The temperature is then shown on the temperature display (114).

The paragraph beginning at page 11, line 13:

It is also effective to position a second gasket (~~109²~~109) at the joint (116) of the pair of shielding members (104) connecting the void space in which the heat-source plate and the heating plate (101) are stored and the void space on the grip side, in order to further improve the steam cutoff property with respect to both void spaces. In other words, by placing the second gasket (~~109²~~109) as shown in Fig. 7 that is a cross-section view taken along line B-B of Fig. 6, high-temperature steam around the heating plate (101) can be cut off and steam can be completely cut off from the void space in which the heat-source plate and the heating plate are stored as well as from the void space on the grip side.

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Abstract:

A V-shaped sandwiching-type hair iron comprisesing a pair of openable/closable hair-sandwiching arms that each store in void spaces shielded by shielding members a heat-source plate and a hair-heating plate positioned adjacent to the temperature-adjustable heat-source plates and heating plates. The hair iron sandwiches hairs when the arms are closed; wherein the pair of arms are openably/closably connected on one end by a pivot, and spring pressure is used to maintain the pair or arms in opening directions in a normal condition; wherein the heating plates are installed so that they face each other; wherein tapered portions are provided in a base, on the void space side, of the heating plate, and a gasket is securely fitted in the formed tapered voids in order to improve the steam cutoff property of the void spaces; and wherein the temperature can be controlled easily at the operator's fingertips.provides improved steam cutoff property to a void space in the hair-sandwiching arm shielded by shielding members. The improved steam cutoff property is obtained by placing a heating plate with its base end tapered and tight-fitting a gasket in the applicable tapered void.